

OIPE

## RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/551,380A

TIME: 10:30:12

Input Set : A:\ES.txt

Output Set: N:\CRF3\09132001\I551380A.raw

Does Not Comply  
Corrected Diskette Needed

run

3 <110> APPLICANT: CHANG, Donald C  
 4 LUO, Qian  
 6 <120> TITLE OF INVENTION: Modified Fluorescent Proteins  
 8 <130> FILE REFERENCE: MLY-5  
 10 <140> CURRENT APPLICATION NUMBER: US 09/551,380A  
 11 <141> CURRENT FILING DATE: 2000-04-18  
 13 <160> NUMBER OF SEQ ID NOS: 55  
 15 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

1756 <210> SEQ ID NO: 55  
 1757 <211> LENGTH: 242  
 1758 <212> TYPE: PRT  
 1759 <213> ORGANISM: Artificial Sequence  
 1761 <220> FEATURE:  
 1762 <223> OTHER INFORMATION: MD9 mutant of EGFP  
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 1765 Met Val Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu  
 1766 1 5 10 15  
 1768 Val Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly  
 1769 20 25 30  
 1771 Glu Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile  
 1772 35 40 45  
 1774 Cys Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr  
 1775 50 55 60  
 1777 Leu Thr Tyr Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys  
 1778 65 70 75 80  
 1780 Gln His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu  
 1781 85 90 95  
 1783 Arg Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu  
 1784 100 105 110  
 1786 Val Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly  
 1787 115 120 125  
 1789 Ile Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr  
 1790 130 135 140  
 1792 Asn Tyr Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn  
 1793 145 150 155 160  
 1795 Gly Ile Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser  
 1796 165 170 175  
 1798 Val Gln Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Glu  
 1799 180 185 190  
 1801 Val Asp Gly Pro Val Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln  
 1802 195 200 205  
 1804 Ser Ala Leu Ser Lys Asp Pro Asn Glu Lys Arg Asp His Met Val Leu  
 1805 210 215 220

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1807 Leu Glu Phe Val Thr Ala Ala Gly Ile Thr Leu Gly Met Asp Glu Leu

1808 225 230 235 240

1810 Tyr Lys

E--&gt; 1813 1

VERIFICATION SUMMARY

DATE: 09/13/2001

PATENT APPLICATION: US/09/551,380A

TIME: 10:30:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\09132001\I551380A.raw

L:1813 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:55